IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Mariko Matsumoto

Serial No.:

Not Yet Assigned

Group Art Unit:

Not Yet Assigned

Filing Date:

Concurrently Herewith

Examiner:

Unknown

For:

WIRELESS APPARATUS EMPLOYING MULTI-LEVEL QAM AND

METHOD FOR ESTIMATING THRESHOLD VALUE

Honorable Commissioner of Patents Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to applicant's duty of disclosure under 37 CFR §1.56, applicant respectfully brings the following documents listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner. In compliance with the concise explanation requirement under 37 CFR §1.98(a)(3), the relevance of some of these documents are discussed on pages 1, 4, 5, 6 and 7 of the subject application. Further, English-language Abstracts are attached to the references.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-0481.

Sean M. McGinn

Respectfully/subm

Registration No. 34,386

Date: McGinn & Glbb, PLLC

Intellectual Property Law

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					NEG-325US Applicant(s) Marko Matsumoto		Not Yet Assigned			
				U.S. PATI	ENT DOCUMENTS		·			
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
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	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Translation YES NO		
		2002-325063	11/08/2002	Japan				ABS		
		2002-217862	08/02/2002	Japan				ABS		
		6-1908	01/05/1994	Japan				ABS		
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				OTHER D	OCUMENTS (Include	ding Author, Title, D	ate, Pertinent Po	ages, Etc.)	,,	
		3rd Generation Part of transport channels	nership Project: Te s onto physical chan	chnical Spe nels (FDD)	cification Group Rad (Release 5), 3GPP TS	lio Access Natwor S 25.211 V5.1.0 (0	k; Physical Ch 6/2002), pp. 26	annels and -27 and 40-	mapping 41.	
		3rd Generation Partnership Project: Technical Specification Group Radio Access Network; Spreading and modulation (FDD) (Release 5), 3GPP TS 25.213 V5.1.0 (06/2002), pp. 19-23.								
		(FDD) (Release 5), 3	Grf 18 25.213 V5.1	1.0 (06/2002), pp. 19-23.					
EXAMINER					DATE CONSIDERED					
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		Docket Number (Optional)	Application Number				
INFO	RMATION DISCLOSURE CITATION	NEG-325US Applicant(s)	Not Yet Assigned				
што	(Use several sheets if necessary)	Mariko Matsumoto					
		Filing Date	Group Art Unit				
	-	Concurrently Herewith	Not Yet Assigned				
*EXAMINER INITIAL	OTHER DOCUMENTS (Including Author	•					
	3rd Generation Partnership Project: Technica (Release 5), 3GPP TS 25.214 V5.1.0 (06/2002),	al Specification Group Radio Access Netw , p. 30.	ork; Physical layer procedures (FDD)				
	3rd Generation Partnership Project: Technical Specification Group Radio Access Network; Physical Channels and mapp of transport channels onto physical channels (FDD) (Release 5), 3GPP TS 25.211 V5.2.0 (09/2002), pp. 40-41.						
	3rd Generation Partnership Project: Technical Specification Group Radio Access Network; Spreading and modulation (FD (Release 5), 3GPP TS 25.213 V5.2.0 (09/2002), pp. 19-23.						
	3rd Generation Partnership Project: Technical Specification Group Radio Access Network; Physical layer procedures ((Release 5), 3GPP TS 25.214 V5.2.0 (09/2002), p. 30.						
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not considered. Include copy of this form with next communication to applicant.